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10/586,731

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EXAMINER

KIM, HEE-YONG

ART UNIT

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2482

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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|------------------------------|--------------------------------------|--|--|
| Office Action Summary | Application No. 10/586,731 | Applicant(s) MURATA, SHIGEYUKI | |
| | Examiner HEE-YONG KIM | Art Unit 2482 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 07 January 2011.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 5-7 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 5-7 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. This office action is in reply to Applicant's Response dated January 7, 2011.
2. **Claims 1-4** have been cancelled.
3. **Claims 5-7** have been newly added.
4. **Claims 5-7** are pending.

Response to Arguments

5. Objections to Drawing and Specification are withdrawn because new drawing and specification overcomes the previous objections.
6. Applicant's arguments with respect to the prior art rejection over **claims 5-7** have been considered but they are not persuasive.

Regarding **claims 5-7**, applicant argues (pp.4- 7) that Monroe fails to teach or suggest "a list transmitting means that transmits a list of patterns of videos registered by a corresponding user to the client terminals; and a video distributing means, which for each client terminal, receives video distribution requests from the client terminal, each video distribution request indicating a corresponding one of the videos in a pattern of videos selected by the client terminal from the list of patterns of videos registered, and distributes to the client terminal the videos corresponding to the video distribution requests". Examiner respectfully disagrees. Monroe discloses "transmits a list of patterns of videos registered by a corresponding user to the client terminals (Fig.7: LAYOUT shows 4 patterns video - Full Screen, 4-pan mode, 8-pan mode, 16-pan

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mode) and receiving distribution request and distributes to the client terminal the videos corresponding to the video distribution request (Fig.1 Multicast, Display a desired camera within a desired pane in the video display area, paragraph 108)".

Claim Objections

7. **Claims 6 and 7** are objected to because of the following informalities: Claims 6 and 7 recite "the setting box means" which does not have the antecedent basis in claim 5. Examiner interprets as "the setting box transmitting means" as disclosed in claim 5. Appropriate correction is required.

Claim Rejections - 35 USC § 102

8. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

9. **Claim 5** is rejected under 35 U.S.C. 102(b) as being anticipated by Monroe (2002/0,097,322), hereafter referenced as Monroe.

Regarding **claim 5**, Monroe discloses Multiple Video Display Configurations and Remote Control of Multiple Video Signals Transmitted To A Monitoring Station Over A Network. Monroe specifically discloses A video distribution system for distributing a video through a network to a client terminal (Fig.1 and 2), comprising:

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a user information holding means that manages a plurality of user accounts and holds user information of each of the user accounts (login dialog, paragraph 8);

a monitoring page transmitting means that transmits a web page (Fig.7) to the client terminals, the web page including a display area (102 and 104, Fig.7) and an operation area (Monitor Select , Layout, Enter Camera, Fig.7);

a setting box transmitting means that transmits to the client terminals a setting box for setting a pattern of arrangement for displaying videos in the display area (Fig.7-9, selecting cameras from the sensor list, or typing in the selected cameras, col.8, line 3-4);

an arrangement registering means that registers a plurality of patterns of videos for each user in the user information holding means, each pattern of videos registered being based on a corresponding notice from the client terminal (Fig.7 Setting up Multiple Screens and Fig.8 Dynamic Control of Screen);

a list transmitting means that transmits a list of patterns of videos registered by a corresponding user to the client terminals (LAYOUT at Fig.7 shows a list of patterns – Full screen, 4-pan, 9-pan, 16-pan); and

a video distributing means, which for each client terminal, receives video distribution requests from the client terminal, each video distribution request indicating a corresponding one of the videos in a pattern of videos selected by the client terminal from the list of patterns of videos registered, and distributes to the client terminal the videos corresponding to the video distribution requests (Fig.1 Multicast, Display a desired camera within a desired pane in the video display area, paragraph 108).

Regarding **claim 6**, Monroe discloses everything as applied above (see claim 5). Monroe further discloses wherein the pattern is a four-screen pattern (4-pan screen, Fig.7), wherein the setting box means receives a request for selecting a plurality of cameras, each of which picks up video displayed on each of an upper left screen, and upper right screen, a lower left screen and a lower right screen of the four screen pattern (104A, 104B, 104C, 104D, Fig.8), and wherein the list transmitting, means transmits the patterns (Fig.7) to the client terminals at the start of the monitoring page.

Claim Rejections - 35 USC § 103

10. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

11. **Claim 7** is rejected under 35 U.S.C. 103(a) as being unpatentable over Monroe in view of Katz (US 5,956,081).

Regarding **claim 7**, Monroe discloses everything claimed as above (see claim 5). However, Monroe fails to disclose scan menu box transmitting means that transmits a scan menu box for setting automatic scanning of displaying the videos, wherein the setting box means sets an identification number of the video displaying at each position in the displaying area, and sets at least either one of an identification

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number and an identification name of each pattern, and wherein the scan menu box means selects the plural patterns using the identification number or the identification name.

In analogous field of endeavor, Katz discloses Surveillance System Having Graphic Video Integration Controller and Full Motion Vide Switching. Katz discloses specifically automatic scanning of displaying video from surveillance cameras (Fig.5A and Fig.5B), in order to allow continuous tracking of the target (col.7, line 46-64). It was obvious to apply this method to the Monroe's two monitor system wherein primary monitor is set up to full screen and four-pan mode in the secondary monitor and each of 5 display areas is automatically scanned so that each camera is periodically presented in the full screen mode in the primary display while others are displayed in the secondary mode for the wide coverage but in low resolution mode, in order to allow continuous tracking of the target.

Therefore, given this knowledge, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Monroe by specifically providing the Katz automatic scanning and transmitting a scan menu box for setting automatic scanning of displaying the videos for the primary and secondary monitor wherein primary monitor is set up to full screen and four-pan mode in the secondary monitor, in order to allow continuous tracking of the target.

However, Monroe and Wells fails to disclose wherein the setting box means sets an identification number of the video displaying at each position in the displaying area, and sets at least either one of an identification number and an identification name of each

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pattern, and wherein the scan menu box means selects the plural patterns using the identification number or the identification name.

Monroe discloses further setting an identification number of the video for displaying at each position in the video displaying area (Enter Camera Number, Fig.7). However, Monroe fails to disclose another function to set at least either one of an identification number and an identification name of each pattern, and wherein the scan menu box means selects the plural patterns using the identification number or the identification name.

However, Monroe further discloses a function to present graphical presentation of each of video arrangement information, in order to show each of available video arrangements (Layout, Fig.7). The layout consists of full screen, 4-screens, 9-screens, 16-screens. Identifying a video arrangement by a name such as full screen, 4-screens, 9-screens, and 16-screens, is equivalent to graphics presentation.

Therefore, given this knowledge, it would have been obvious to one of ordinary skill in the art at the time invention was made to modify Monroe by replacing the graphical presentation of video arrangement information with identification names (full screen, 4-screens, 9-screens, 16-screens) and selecting the plural patterns using the identification name, in order to reduce the complexity. The Monroe Multiple Video Display Configuration System, incorporating the Katz automatic scanning, further incorporating transmitting a scan menu box for setting the automatic scanning of displaying the videos for the primary and secondary monitor wherein primary monitor is set up to full screen and four-pan mode in the secondary monitor, further incorporating

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replacing the graphical presentation of video arrangement information with identification names (full screen, 4-screens, 9-screens, 16-screens) and selecting the plural patterns using the identification name, has all the features of claim 7.

Conclusion

12. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to HEE-YONG KIM whose telephone number is (571)270-3669. The examiner can normally be reached on Monday-Thursday, 8:00am-5pm EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold can be reached on 571-272-7905. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/HEE-YONG KIM/
Examiner, Art Unit 2482

/Andy S. Rao/
Primary Examiner, Art Unit 2486
February 24, 2011